BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK: IMPROVEMENTS TO ROADS AND DRAINS AT NETHAJI LAYOUT, IN WARD NO 07 –BYATARAYANAPURA, KODIGEHALLI SUB DIVISION.

CONSULTANT:

BVH CONSULTING ENGINEERS

 # 41/2, 6TH MAIN ROAD JNANAJYOTHI NAGAR,
MALATHALLI, BANGALORE-560056
PHONE : 9964339888, LANDLINE:08023241948
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Bruhat Bangalore Mahanagara Palike

(08)

BYTARAYANAPURA DIVISION

Job No: 007-16-000043 26618

Name of Agency :- Benaka Developers and projects Pvt. Ltd

Bill No :- 2nd & Part Bill

Name of work: Improvements to Roads and drains at Nethaji Layout, in ward No 07 - Byatarayanapura, Kodigehalli Sub Division.

Sl No	Description of Work	Unit	No.	L	B	D	Qty	Rate	Amount
1	KSRRB M300-1. Earth work excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m, excavated surface levelled and sides neately dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specification. MORTH / Chapter 3 (P.No.142,								
	Measurements recorded on:								
	Muniswame Gouda Layout Drain Desilt	Cum							
	2nd Cross Road								
	0-30		2	30.00	0.45	0.40	10.80		
	30-60		2	30.00	0.45	0.40	10.80		
	60-69		2	9.00	0.45	0.40	3.24		
	3rd Cross Road								
	0-30		2	30.00	0.45	0.40	10.80		
	30-60		2	30.00	0.45	0.40	10.80		
	60-90		2	30.00	0.45	0.40	10.80		
	90-94		2	4.00	0.45	0.40	1.44		
	4th Cross Road								
	0-20		2	20.00	0.45	0.40	7.20		
	5th Cross Road								
	0-30		2	30.00	0.90	0.60	32.40		
	30-60		2	30.00	0.90	0.60	32.40		
	Road Beside Suma Public School								
	0-30		1	30.00	0.90	0.60	16.20		
	30-60		1	30.00	0.90	0.60	16.20		
	60-63		1	3.00	0.90	0.60	1.62		
	2nd Main Road								
	0-30		2	30.00	0.45	0.60	16.20		
	30-60		2	30.00	0.45	0.60	16.20		
	60-90		2	30.00	0.45	0.60	16.20		
	90-120		2	30.00	0.45	0.60	16.20		
	120-125		2	5.00	0.45	0.60	2.70		
	over burden earth								
	At 2nd Cross Road		1	22.00	3.60	0.35	27.72		
	At 3rd Cross Road		1	23.00	4.20	0.45	43.47		
	At 4th Cross Road		1	25.00	3.70	0.40	37.00		
	At 5th Cross Road		1	27.00	5.10	0.50	68.85		

for B.V. Engineers

Proprietor

AE (Civil)

BENAKA DEVELOPERS AND PROJECTS PVT. LTD. BANGALORE

Assistant Executive Engineer
Kodigehalli Sub Division
Bruhat Bangalore Mahanagara Palike
Bangalore - 560 092

Sl No	Description of Work	Unit	No.	L	B	D	Qty	Rate	Amount
	At Road Beside Suma Public School		1	26.00	4.90	0.45	57.33		
	At 2nd Main Road		1	25.00	3.50	0.35	30.63		
					Total Qty Cum		497.20	196.00	97450.22
2	Removing & Refixing Stone slabs of drains and Pointing in C.M(1:3) (P.No.25, I.No.5.33 of PW, P&IWTD SR 2016-17)								
	Measurements recorded on:								
	Muniswame Gouda Layout	Sqm							
	2nd Cross Road LHS								
	0-30 Bottom		1	30.00	0.40		12.00		
	Sides		2	30.00	0.50		30.00		
	30-60 Bottom		1	30.00	0.40		12.00		
	Sides		2	30.00	0.50		30.00		
	60-69 Bottom		1	9.00	0.40		3.60		
	Sides		2	9.00	0.50		9.00		
	2nd Cross Road RHS								
	0-30 Bottom		1	30.00	0.40		12.00		
	Sides		2	30.00	0.50		30.00		
	30-60 Bottom		1	30.00	0.40		12.00		
	Sides		2	30.00	0.50		30.00		
	60-69 Bottom		1	9.00	0.40		3.60		
	Sides		2	9.00	0.50		9.00		
	3rd Cross Road								
	Infront of Shri Byraveshwara Nilaya No. 35 & 36								
	RHS at bottom		1	18.00	0.40		7.20		
	sides		2	18.00	0.50		18.00		
	Infront of House No 32 & 33								
	RHS at bottom		1	18.40	0.40		7.36		
	sides		2	18.40	0.50		18.40		
	LHS at bottom		1	5.00	0.40		2.00		
	sides		2	5.00	0.50		5.00		
	Infront of House No 47								
	LHS at bottom		1	17.00	0.40		6.80		
	sides		2	17.00	0.50		17.00		
	Infront of Sri Srivasa Nilayam								
	LHS at bottom		1	4.80	0.40		1.92		
	sides		2	4.80	0.50		4.80		
	Infront of House near new borewell								
	LHS at bottom		1	8.60	0.40		3.44		
	sides		2	8.60	0.50		8.60		

Abstract N.D AE(NS) 05/02/18

For B.V.H. Consulting Engineers

Proprietor

Abstract N.D AE(NS)

BENAKA DEVELOPERS AND PROJECTS PVT. LTD. BANGALORE

Assistant Executive Engineer
Kodigehalli Sub Division
Bruhat Bangalore Mahanagara Palike
Bangalore - 560 092

Sl No	Description of Work	Unit	No.	L	B	D	Qty	Rate	Amount
	4th cross Road LHS								
	0-30 Bottom		1	30.00	0.40		12.00		
	Sides		2	30.00	0.50		30.00		
	RHS Bottom		1	20.00	0.40		8.00		
	Sides		2	20.00	0.50		20.00		
	2nd Main Road								
	Infront of Sapthagiri Nilaya								
	RHS at bottom		1	10.00	0.40		4.00		
	sides		2	10.00	0.50		10.00		
	Infront of Shri Shanthivasi Muneshwara Devalaya								
	RHS at bottom		1	3.00	0.40		1.20		
	sides		2	3.00	0.50		3.00		
	Infront of Green Colour Building								
	LHS at bottom		1	5.60	0.40		2.24		
	sides		2	5.60	0.50		5.60		
	Infront of House No 16/A and 17/A								
	LHS at bottom		1	30.00	0.40		12.00		
	sides		2	30.00	0.50		30.00		
	Infront of Buchies Kitchen								
	LHS at bottom		1	8.00	0.40		3.20		
	sides		2	8.00	0.50		8.00		
					Total Qty Sqm		**442.96**	**85.00**	**37651.60**
3	Providing granite Slabs of Selected quality roughly dressed and fixed in cement mortor (1:6) including fixing curing etc,. Complete. 10cms thick (P.No.25, I.No.5.31.2 of PW, P&IWTD SR 2016-17)								
	Muniswame Gouda Layout BS cover Slab 3rd cross RHS								
	Infront of Shri Byraveshwara Nilaya No. 35 & 36		1	18.00	1.20		21.60		
	Infront of House No 32 & 33		1	18.40	1.20		22.08		
	LHS								
	Infront of House No 47		1	17.00	1.20		20.40		
	Infront of Sri Srivasa Nilayam		1	4.80	1.20		5.76		
	Infront of House near new borewell		1	8.60	0.90		7.74		
	2nd Main Road RHS								

For B.V. Engineering Engineers

Proprietor

Assistant Executive Engineer
Kodigehalli Sub Division
Bruhat Bangalore Mahanagara Palike
Bangalore - 560 092

Sl No	Description of Work	Unit	No.	L	B	D	Qty	Rate	Amount
	Infront of Sapthagiri Nilaya		1	10.00	1.20		12.00		
	Infront of Shri Shanthivasi Muneshwara Devalaya		1	3.00	1.20		3.60		
	LHS								
	Infront of Green Colour Building		1	5.60	1.20		6.72		
	Infront of House No 16/A and 17/A		1	30.00	1.20		36.00		
	Infront of Buchies Kitchen		1	8.00	1.20		9.60		
					Total Qty Sqm		**145.50**	**867.00**	**126148.5**
4	Providing granite Slabs of Selected quality roughly dressed and fixed in cement mortor (1:6) including fixing curing etc,. Complete. 7.5cms thick (P.No.25, I.No.5.31.1 of PW, P&IWTD SR 2016-17)								
	Muniswame Gouda Layout								
	5th Cross Road RHS								
	From 5th Cross Road Starting Point to First Electric Pole								
	0-30 Bottom		1	30.00	0.50		15.00		
	Sides		2	30.00	0.60		36.00		
	From First Electric Pole to 5th Cross Road End Point								
	30-60 Bottom		1	30.00	0.50		15.00		
	Sides		2	30.00	0.60		36.00		
	LHS								
	Infront of Swapna Nilayam								
	0-30 Bottom		1	30.00	0.50		15.00		
	Sides		2	30.00	0.60		36.00		
	Infront of White Colour Building								
	30-50 Bottom		1	20.00	0.50		10.00		
	Sides		2	20.00	0.60		24.00		
	Road Beside Suma Public School LHS								
	Beside Cream Colour Sheet House								
	0-30 Bottom		1	30.00	0.50		15.00		
	Sides		2	30.00	0.60		36.00		
	Infront of Selvathi Nilayam								
	30-60 Bottom		1	30.00	0.50		15.00		
	Sides		2	30.00	0.60		36.00		
	Infront of House No.12/A & 13/B								
	60-63 Bottom		1	3.00	0.50		1.50		
	Sides		2	3.00	0.60		3.60		

For B.V.H. Consulting Engineers

Proprietor

Assistant Executive Engineer
Kodigehalli Sub Division
Bruhat Bangalore Mahanagara Palike
Bangalore - 560 092

Sl No	Description of Work	Unit	No.	L	B	D	Qty	Rate	Amount
					Total Qty Sqm		294.10	699.00	205575.90
17	KSRRB M300-14. Excavation for roadwork in soil with hydraulic excavator of 0.90 cum bucket capacity including cutting and loading in tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transporting to embankment location and complete as per specifications. MORTH Specification No.301 (P.No.143, I.No.19.14 of PW,P&IWTD S.R 2016-17)								
	Measurements recorded on:								
	Muniswame Gouda Layout								
	2nd Cross Road road cut portion restoration								
	0-30		1	30.00	(1.2+1.5)/2	0.30	12.15		
	30-60		1	30.00	(1.0+1.3)/2	0.30	10.35		
	60-64		1	4.00	(1.2+1.4)/2	0.30	1.56		
	3rd Cross Road road cut portion restoration								
	0-30		1	30.00	(2.2+2.5)/2	0.30	21.15		
	30-60		1	30.00	(1.2+1.6)/2	0.30	12.60		
	60-90		1	30.00	(1.3+1.1)/2	0.30	10.80		
	4th Cross Road road								
	0-30		1	30.00	(3.3+5.4)/2	0.30	39.15		
	30-60		1	30.00	(5.4+5.6)/2	0.30	49.50		
	60-70		1	10.00	(5.6+5.9)/2	0.30	17.25		
	5th Cross Road								
	0-30		1	30.00	(4.9+5.2)/2	0.30	45.45		
	30-60		1	30.00	(5.2+6.4)/2	0.30	52.20		
	Road Beside Suma Public								
	0-30		1	30.00	(4.5+4.8)/2	0.30	41.85		
	30-64		1	34.00	(4.8+5)/2	0.30	49.98		
	0-30		1	2.00	(4.5+4.8)/2	0.30	2.79		
	30-64		1	3.00	(4.8+5)/2	0.30	4.41		
	Durga Parameshwari Temple Road								
	0-14		1	14.00	2.10	0.30	8.82		
	14-20		1	6.00	5.00	0.30	9.00		
	2nd Main Road road cut portion restoration								
	0-30		1	30.00	1.50	0.30	13.50		
	30-60		1	30.00	1.50	0.30	13.50		
	60-90		1	30.00	1.50	0.30	13.50		
	90-125		1	35.00	1.50	0.30	15.75		
					TOTAL QTY Cum		445.26	156.00	69460.56

Checked. N.D 12/02/18

For B.V.H. Consulting Engineers

Proprietor

Checked. ND
AE(Civil)
12/2/18

Assistant Executive Engineer
Kodigehalli Sub Division
Bruhat Bangalore Mahanagara Palike
Bangalore - 560 092

Sl No	Description of Work	Unit	No.	L	B	D	Qty	Rate	Amount
20	KSRRB M 400-17, Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam specification including premixing the Material with water at OMC in mechaniqal mix plant carriage ' of mixed Material by tipper to site, laying in uniform layers with paver in sub- base/ base course on well prepared surface and compacting with vibratory roller to achieve the desired density.complete								
	Measurements recorded on:								
	Muniswame Gouda Layout								
	2nd Cross Road road cut portion restoration								
	0-30		1	30.00	(1.2+1.5)/2	0.25	10.13		
	30-60		1	30.00	(1.0+1.3)/2	0.25	8.63		
	60-64		1	4.00	(1.2+1.4)/2	0.25	1.30		
	3rd Cross Road road cut portion restoration								
	0-30		1	30.00	(2.2+2.5)/2	0.25	17.63		
	30-60		1	30.00	(1.2+1.6)/2	0.25	10.50		
	60-90		1	30.00	(1.3+1.1)/2	0.25	7.88		
	4th Cross Road road								
	0-30		1	30.00	(3.3+5.4)/2	0.25	32.63		
	30-60		1	30.00	(5.4+5.6)/2	0.25	41.25		
	60-70		1	10.00	(5.6+5.9)/2	0.25	14.38		
	5th Cross Road								
	0-30		1	30.00	(4.9+5.2)/2	0.25	37.88		
	30-60		1	30.00	(5.2+6.4)/2	0.25	43.50		
	Road Beside Suma Public School								
	0-30		1	30.00	(4.5+4.8)/2	0.25	34.88		
	30-64		1	34.00	(4.8+5)/2	0.25	41.65		
	Durga Parameshwari Temple Road								
	0-14		1	14.00	2.10	0.25	7.35		
	14-20		1	6.00	5.00	0.25	7.50		
	2nd Main Road road cut portion restoration								
	0-30		1	30.00	1.50	0.25	11.25		
	30-60		1	30.00	1.50	0.25	11.25		
	60-90		1	30.00	1.50	0.25	11.25		
	90-125		1	35.00	1.50	0.25	13.13		
					TOTAL QTY Cum		**363.93**	**1855.00**	**675080.88**

For B.V.H. Consulting Engineers

Proprietor

AE(W2) Bruhat Bangalore Mahanagara Palike

Assistant Executive Engineer, Kodigehalli Sub Division, Bruhat Bangalore Mahanagara Palike, Bangalore - 560 092

BENKA DEVELOPERS AND PROJECTS PVT. LTD. BANGALORE

Sl No	Description of Work	Unit	No.	L	B	D	Qty	Rate	Amount
22	KSRRB 500-2: Cleaning the existing black topped surface with brooms, soft brushes and finally dusting with old gunny bags and / or compressed air to receive bituminous treatement including cost of all materials, labour, HOM of machineries complete as per specifications. MORTH Spec, Chapter 5 (P.No.161, I.No.21.2 of PW,P&IWTD SR 2018-17)								
	Measurements recorded on:								
	2nd Cross Road								
	0-30		1	30.00	(4.6+4.1)/2		130.50		
	30-60		1	30.00	(3.1+4)/2		106.50		
	60-69		1	9.00	(4.1+3.8)/2		35.55		
	3rd Cross Road								
	0-30		1	30.00	(5.7+2.9)/2		129.00		
	30-60		1	30.00	(4.2+3.4)/2		114.00		
	60-90		1	30.00	(3.7+4.2)/2		118.50		
	90-95		1	5.00	(4.1+4.2)/2		20.75		
	4th Cross Road								
	0-30		1	30.00	(2+3.9)/2		88.50		
	30-60		1	30.00	(3.2+3.3)/2		97.50		
	60-76		1	16.00	(3.4+3.4)/2		54.40		
	Durga Parameshwari Temple Road								
	0-14		1	14.00	(5.9+5.7)/2		81.20		
	2nd Main Road								
	0-30		1	30.00	(5+4.4)/2		141.00		
	30-60		1	30.00	(4.6+6.4)/2		165.00		
	60-90		1	30.00	(6.7+6.3)/2		195.00		
	90-125		1	35.00	(6.4+8)/2		252.00		
					Total Qty Sqm		**1729.40**	**3.00**	**5188.20**
21	KSRRB M500-6. Providing and applying **primer coat with S.S. bitumen emulsion on prepared surface of granular base** such as WBM WMM including clearing of road surface and spraying primer at the rate of 0.60 kg /sqm using mechanical means complete as per specifications.As per MORTH Specification No. 502 with all lead and lift loading and unloading and all other incidential charges etc.complete as per specification and direction of the engineer-in-charge of the work								
	Measurements recorded on:								
	Muniswame Gouda Layout	**Sqm**							
	2nd Cross Road road cut portion restoration								
	0-30		1	30.00	(1.2+1.5)/2		40.50		
	30-60		1	30.00	(1.0+1.3)/2		34.50		
	60-64		1	4.00	(1.2+1.4)/2		5.20		
	3rd Cross Road road cut portion restoration								
	0-30		1	30.00	(2.2+2.5)/2		70.50		
	30-60		1	30.00	(1.2+1.6)/2		42.00		
	60-90		1	30.00	(1.3+1.1)/2		31.50		

For B.V.H. Consulting Engineers

Proprietor

Assistant Executive Engineer
Kodigehalli Sub Division
Bruhat Bangalore Mahanagara Palike
Bangalore - 560 092

Sl No	Description of Work	Unit	No.	L	B	D	Qty	Rate	Amount
	4th Cross Road road								
	0-30		1	30.00	(1.3+1.5)/2		42.00		
	30-60		1	30.00	(2.2+2.3)/2		67.50		
	60-70		1	10.00	(2.2+2.5)/2		23.50		
	5th Cross Road								
	0-30		1	30.00	(4.9+5.2)/2		151.50		
	30-60		1	30.00	(5.2+6.4)/2		174.00		
	Road Beside Suma Public School								
	0-30		1	30.00	(4.5+4.8)/2		139.50		
	30-64		1	34.00	(4.8+5)/2		166.60		
	Durga Parameshwari Temple Road								
	0-14		1	14.00	(2.2+2.1)/2		30.10		
	14-20		1	6.00	(8+8.4)/2		49.20		
	2nd Main Road road cut								
	0-30		1	30.00	(1.2+1.4)/2		39.00		
	30-60		1	30.00	(1.2+1.6)/2		42.00		
	60-90		1	30.00	(1.3+1.2)/2		37.50		
	90-120		1	30.00	(1.1+1.2)/2		34.50		
					Total Qty Sqm		**1221.10**	**31.00**	**37854.1**
23	KSRRB 500-7. Providing and applying **tack coat using 80/100 grade bitumen**(VG10) on the prepared black topped surfaces at 2.5 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM of machineries complete as per specifications.MORTH Chapter 5 with all lead and lift loading and unloading and all other incidential charges etc.complete as per specification and direction of the engineer-in-charge of the work								
	Measurement recorded on:								
	2nd Cross Road								
	0-30		1	30.00	(5.8+5.6)/2		171.00		
	30-60		1	30.00	(5.6+5.3)/2		163.50		
	60-69		1	9.00	(5.3+5.2)/2		47.25		
	3rd Cross Road								
	0-30		1	30.00	(7.9+5.4)/2		199.50		
	30-60		1	30.00	(5.4+5)/2		156.00		
	60-90		1	30.00	(5+5.3)/2		154.50		
	90-95		1	5.00	(5.3+5.3)/2		26.50		
	4th Cross Road								
	0-30		1	30.00	(3.3+5.4)/2		130.50		
	30-60		1	30.00	(5.4+5.6)/2		165.00		
	60-76		1	16.00	(5.6+5.9)/2		92.00		
	5th Cross Road								
	0-30		1	30.00	(4.9+5.2)/2		151.50		

For E.V.H. Consulting Engineers

Proprietor

Assistant Engineer
Kodigehalli Sub Division
Bruhat Bangalore Mahanagara P.
Bangalore - 560 092

Sl No	Description of Work	Unit	No.	L	B	D		Rate	Amount
	30-60		1	30.00	(5.2+6.4)/2		174.00		
	Road Beside Suma Public School								
	0-30		1	30.00	(4.5+4.8)/2		139.50		
	30-64		1	34.00	(4.8+5)/2		166.60		
	Durga Parameshwari Temple Road								
	0-20		1	20.00	(8.1+8.4)/2		165.00		
	2nd Main Road								
	0-30		1	30.00	(6.2+5.8)/2		180.00		
	30-60		1	30.00	(5.8+8)/2		207.00		
	60-90		1	30.00	(8+7.5)/2		232.50		
	90-125		1	35.00	(7.5+9.2)/2		292.25		
					Total Qty Sqm		**3014.10**	**13.00**	**39183.30**
25	KSRRB M500-19. Providing and laying bituminous concrete 30-40 mm compacted thickness with VG30 Bitumen grade using 40-60 HMP using crushed aggregates of grading II, premixed with bituminous binder at 5.4% of mix and filler, transporting the hot mix to work site, laying with a mechanical paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MoRT&H specification clause No. 500.9 complete in all respects as per specifications. MORTH Specification No. 509								
	Measurement recorded on:								
	2nd Cross Road								
	0-30		1	30.00	(5.8+5.6)/2	0.04	6.84		
	30-60		1	30.00	(5.6+5.3)/2	0.04	6.54		
	60-69		1	9.00	(5.3+5.2)/2	0.04	1.89		
	3rd Cross Road								
	0-30		1	30.00	(7.9+5.4)/2	0.04	7.98		
	30-60		1	30.00	(5.4+5)/2	0.04	6.24		
	60-90		1	30.00	(5+5.3)/2	0.04	6.18		
	90-95		1	5.00	(5.3+5.3)/2	0.04	1.06		
	4th Cross Road								
	0-30		1	30.00	(3.3+5.4)/2	0.04	5.22		
	30-60		1	30.00	(5.4+5.6)/2	0.04	6.60		
	60-76		1	16.00	(5.6+5.9)/2	0.04	3.68		
	5th Cross Road								
	0-30		1	30.00	(4.9+5.2)/2	0.04	6.06		
	30-60		1	30.00	(5.2+6.4)/2	0.04	6.96		
	Road Beside Suma Public School								
	0-30		1	30.00	(4.5+4.8)/2	0.04	5.58		
	30-64		1	34.00	(4.8+5)/2	0.04	6.66		
	Durga Parameshwari Temple Road								
	0-20		1	20.00	(8.1+8.4)/2	0.04	6.60		
	2nd Main Road								

Sl No	Description of Work	Unit	No.	L	B	D	Qty	Rate	Amount
	0-30		1	30.00	(6.2+5.8)/2	0.04	7.20		
	30-60		1	30.00	(5.8+8)/2	0.04	8.28		
	60-90		1	30.00	(8+7.5)/2	0.04	9.30		
	90-125		1	35.00	(7.5+9.2)/2	0.04	11.69		
					Total Qty Cum		**120.56**	**8438.00**	**1017319.03**
30	KSRRB M800-13. Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5mm is exclusive of surface applied glass beads as per IRC:35. The finished surface to be level, uniform and free from streaks and holes complete as per specifications. MORTH Specification No. 803.(P.No.185, I.No.24.15 of PW,P&IWTD								
	Measurement recorded on:								
	Edge line	**Sqm**							
	2nd Cross Road								
	0-30		1	30.00	0.10		3.00		
	30-60		1	30.00	0.10		3.00		
	60-69		1	9.00	0.10		0.90		
	3rd Cross Road Edge line								
	0-30		1	30.00	0.10		3.00		
	30-60		1	30.00	0.10		3.00		
	60-90		1	30.00	0.10		3.00		
	90-95		1	5.00	0.10		0.50		
	4th Cross Road Edge line								
	0-30		1	30.00	0.10		3.00		
	30-60		1	30.00	0.10		3.00		
	60-76		1	16.00	0.10		1.60		
	5th Cross Road Edge line								
	0-30		1	30.00	0.10		3.00		
	30-60		1	30.00	0.10		3.00		
	Road Beside Suma Public School Edge line								
	0-30		1	30.00	0.10		3.00		
	30-64		1	34.00	0.10		3.40		
	Durga Parameshwari Temple Road Edge line								
	0-20		1	20.00	0.10		2.00		
	Centre line		3	3.00	0.10		0.90		
	2nd Main Road Edge line								
	0-30		1	30.00	0.10		3.00		
	30-60		1	30.00	0.10		3.00		
	60-90		1	30.00	0.10		3.00		
	90-125		1	35.00	0.10		3.50		
	Centre line		20	3.00	0.10		6.00		
					Total Qty Sqm		**57.80**	**570.00**	**32946.00**

For B.V.H. Consulting Engineers

Proprietor

Page 10 of 11

Assistant Executive Engineer
Kodigenahalli Sub Division
Bruhat Bangalore Mahanagara Palike
Bangalore - 560 092

BENAKA DEVELOPERS AND PROJECT CONSULTANTS

Sl No	Description of Work	Unit	No.	L	B	D	Qty	Rate	Amount
7	KSRB 4-1.2: Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @ 0.892 cum and fine aggregates @ 0.465 cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2. (P.No.12, I.No.4.2 of PW,P&IWTD S.R								
	Muniswami Gouda Layout								
	4th cross road RHS New Drain								
			1	30.00		0.10	3.00		
			1	26.00		0.10	2.60		
					Total Qty Sqm		**5.60**	**5613.00**	**31432.8**
8	KSRB 5-14: Providing and constructing load bearing wall with solid concrete blocks having block density not less than 1800 kg/m3 of size solid block 400x150x200mm having a minimum average compressive strength of 4.00 N/mm2 confirming to IS 2185(Part 1):2005 and constructed with CM 1:4 as per IS 2572:2005 including cost of all materials labour charges, scaffolding, curing, hire charges of machineries etc., complete as per specifications. KBS No. 5.4 (P.No.24, I.No.5.26.2 of PW, P&IWTD								
	Muniswami Gouda Layout								
	4th cross road RHS New Drain								
			2	30.00		0.60	36.00		
			2	26.00		0.60	31.20		
					Total Qty Sqm		**67.20**	**1009.00**	**67804.80**
12	KSRB 4-1.6: Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregates @ 0.459 cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2. (P.No.12, I.No.4.6 of								
	Muniswami Gouda Layout								
	4th cross road RHS New Drain								
	Coping		2	30	0.15	0.10	0.90		
			2	26	0.15	0.10	0.78		
					Total Qty Cum		**1.68**	**6052.00**	**10167.36**
					Total Construction Cost				**2453263.25**

For B.V.H. Consulting Engineers

AE(W) 02/03/18

Assistant Executive Engr
Kodigehalli Sub Division
Bruhat Bangalore Mahanagara P.
Bangalore - 560 092

BENAKA DEVELOPERS AND PROJECTS PVT. LTD. * BANGALORE *